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Bradley G. Lane, Registration No. 33,411

Name of applicant, assignee or Registered Representative

Bradley G. Lane

Signature

September 4, 2002

Date of Signature

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Patent
Case No. 396/360

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
ANDREW BOAST et al.)	
Serial No.:)	Art Unit: 1723
10/087,119)	
Filed:)	
March 1, 2002)	
For:)	Examiner: Not Assigned
SUMP FILTER WITH FILTER)	
ELEMENT CARTRIDGE)	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

Dear Sir:

In conformance with 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to bring to the attention of the Examiner the following.

<u>Country/PTO</u>	<u>Document No.</u>	<u>Patentee</u>	<u>Date</u>
US	4,839,041	Kuwayama, et al.	June 13, 1989
US	4,052,315	Lindsey, Jr., et al.	Oct. 4, 1977
US	5,533,478	Robinson	July 9, 1996
US	3,382,984	Kuss	May 14, 1968
US	3,310,173	Sosower	Mar. 21, 1967
US	4,985,142	Laycock, et al.	Jan. 15, 1991

US	3,841,489	Combest, et al.	Oct. 15, 1974
US	2,057,779	Jacobs	Oct. 20, 1936
US	3,688,908	Myers, et al.	Sept. 5, 1972
France	2,471,803	Manitou BF	June 26, 1981

Applicant hereby submits the above-listed information pursuant to, among other provisions, 37 C.F.R. § 1.97(c). COPY OF PAPERS
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Statement under 37 CFR 1.97(e)

This certifies that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

Concise Explanation of the Relevance

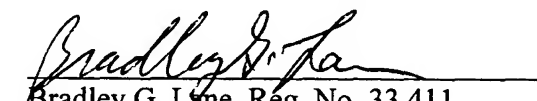
As the enclosed EPO search report indicates, French published patent application 2,471,803 has been categorized as providing technological background.

A copy of each of the above-listed pieces of information, together with a copy of the EPO search report identifying same, is enclosed. A form PTO-1449, listing all of the foregoing pieces of information is also enclosed for use in the present application.

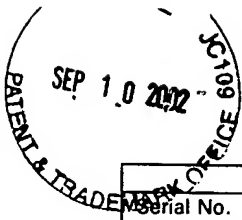
Applicants urge the Examiner to review the entire disclosure of each above-identified or enclosed pieces of information and to make all of record.

Dated: September 4, 2002

Respectfully submitted,


Bradley G. Lane, Reg. No. 33,411
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, Illinois 60610
(312) 321-4200



1723 #3 BT
9-10-02

TRANSMITTAL LETTER			Case No. 396/360
Serial No. 10/087,119	Filing Date March 1, 2002	Examiner	Group Art Unit 1723
Inventor(s) Andrew Boast et al.			
Title of Invention SUMP FILTER WITH FILTER ELEMENT CARTRIDGE			

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TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Supplemental Information Disclosure Statement; PTO-1449; cited references.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a _____ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

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Other Than
Small Entity

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total		Minus		
Indep.		Minus		
First Presentation of Multiple Dep. Claim				

Small Entity	
Rate	Add'l Fee
x \$9 =	
x 42 =	
+ \$140 =	
Total add'l fee	\$

or

Other Than Small Entity	
Rate	Add'l Fee
x \$18 =	
x \$84 =	
+ \$280 =	
Total add'l fee	\$

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$_____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Bradley G. Lane
Registration No. 33, 411
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

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Date: 9/4/02

Signature: Bradley G. Lane

PIPE JC109
SEP 10 2002
PATENT & TRADEMARK OFFICE

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 4 839 041 A (KUWAYAMA YOSHINARI ET AL) 13 June 1989 (1989-06-13) * the whole document *	1-40	B01D35/02
X	US 4 052 315 A (DAUBERT JR RICHARD FRANCIS ET AL) 4 October 1977 (1977-10-04)	1	
Y	* abstract; figures 1,3 * in particular references 29, 29a	1-40	
X	US 5 533 478 A (ROBINSON BARRY S) 9 July 1996 (1996-07-09)	1	
Y	* abstract; figure 2 *	1-40	
X	US 3 382 984 A (KUSS RALPH L) 14 May 1968 (1968-05-14)	1,15	
Y	* abstract; figures 2,6 *	1-40	
X	US 3 310 173 A (LEON SOSOWER) 21 March 1967 (1967-03-21)	1	
A	* abstract; figure 3 *	1-40	
A	US 4 985 142 A (RAMIREZ RAY C ET AL) 15 January 1991 (1991-01-15) * abstract; figures 1,2 *	1-40	
A	US 3 841 489 A (COMBEST J ET AL) 15 October 1974 (1974-10-15) * abstract; figures 1,5 *	1-40	B01D
A	FR 2 471 803 A (MANITOU BF) 26 June 1981 (1981-06-26) * figure 1 *	1,15	
A	US 2 057 779 A (JACOBS EDWIN F) 20 October 1936 (1936-10-20) * figures 2-4 *	1,15	
		-/--	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
MUNICH		17 June 2002	Hoffmann, A
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 3 688 908 A (MYERS ROBERT R) 5 September 1972 (1972-09-05) * abstract; figure 3 * -----	1, 15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 17 June 2002	Examiner Hoffmann, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

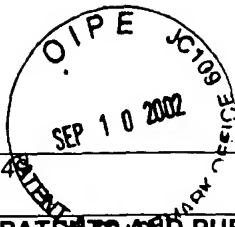
ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 00 4633

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-06-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4839041 A	13-06-1989	JP 62042713 A	24-02-1987
US 4052315 A	04-10-1977	BR 7506799 A	17-08-1976
		CA 1033309 A1	20-06-1978
		DE 2546517 A1	29-04-1976
		ES 441934 A1	16-06-1977
		ES 456440 A1	01-02-1978
		FR 2288543 A1	21-05-1976
		GB 1531262 A	08-11-1978
		IT 1043482 B	20-02-1980
		JP 1250339 C	14-02-1985
		JP 51069267 A	15-06-1976
		JP 59012323 B	22-03-1984
		SE 7511728 A	22-04-1976
US 5533478 A	09-07-1996	CN 1145105 A	12-03-1997
		DE 69510048 D1	08-07-1999
		DE 69510048 T2	21-10-1999
		EP 0755485 A1	29-01-1997
		WO 9528562 A1	26-10-1995
US 3382984 A	14-05-1968	DE 1536841 A1	16-04-1970
		GB 1097850 A	03-01-1968
US 3310173 A	21-03-1967	NONE	
US 4985142 A	15-01-1991	NONE	
US 3841489 A	15-10-1974	NONE	
FR 2471803 A	26-06-1981	FR 2471803 A3	26-06-1981
US 2057779 A	20-10-1936	NONE	
US 3688908 A	05-09-1972	NONE	



FORM PTO-1449	SERIAL NO. 10/087,119	CASE NO. 396/360
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE March 1, 2002	GROUP ART UNIT 1723
(use several sheets if necessary)		APPLICANT(S): Andrew Boast et al.

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,839,041 ✓	6/13/89	Kuwayama, et al.		
	A2	4,052,315 ✓	10/4/77	Lindsey, Jr., et al.		
	A3	5,533,478 ✓	7/9/96	Robinson		
	A4	3,382,984 ✓	5/14/68	Kuss		
	A5	3,310,173 ✓	3/21/67	Sosower		
	A6	4,985,142 ✓	1/15/91	Laycock, et al.		
	A7	3,841,489 ✓	10/15/74	Combest, et al.		
	A8	2,057,779 ✓	10/20/36	Jacobs		
	A9	3,688,908 ✓	9/5/72	Myers, et al.		
	A10					
	A11					
	A12					
	A13					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	TRANSLATION NO
	A14	2,471,803	6/26/81	France			x
	A15						
	A16						
	A17						
	A18						

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A19	
	A20	
	A21	
	A22	
	A23	
	A24	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.